

# **Chem-Impex International, Inc.**

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825 Dillon Drive  
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## **Certificate of Analysis**

<b>Catalog Number</b>	07377
<b>Product Name</b>	<b>H-D-Ala(4-thiazoyl)-OH</b>
	3-(4-Thiazolyl)-D-alanine
<b>Lot Number</b>	198480
<b>CAS Registry Number</b>	131896-42-9
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S
<b>Molecular Weight</b>	172.21
<b>Appearance</b>	White crystals
<b>Specific Optical Rotation</b>	$[\alpha]_D^{25} = -22.6^\circ$ (C = 1, 1N HCl)
<b>Melting Point</b>	267 ° (Dec.)
<b>Thin Layer Chromatography</b>	
<b>BuOH/AcOH/H<sub>2</sub>O 4/1/2</b>	Single spot
<b>CHCl<sub>3</sub>/MeOH/C<sub>6</sub>H<sub>6</sub>/H<sub>2</sub>O</b>	Single spot
<b>8/8//8/1</b>	Visualized with: UV/Iodine
<b>Purity (HPLC)</b>	98%
<b>Storage</b>	Store at -15°C.
<b>Remarks</b>	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
**Quality Control Manager**